

# ADE IT Modernization Effort Update



Presented to:

Data Governance Commission

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Chief Information Officer

# Agenda

- FY 2014 DGC shifting focus
- SLDS dashboard demonstration
- Ed-Fi mapping update
- Budget Update



Carrie O'brien

# **THE CURRENT STATE OF STUDENT PRIVACY**

# Family Educational and Privacy Rights Act

## 20 U.S.C. 1232g and 34 CFR Part 99

- An education record belongs to the student.
- The right to control access to education records is held by a parent and/or an eligible student.
- Education records and personally identifiable information from education records **cannot** be disclosed without consent of the parent or eligible student, unless specific conditions are met.
- Arizona law incorporates federal law—covering any record maintained by ADE

# What is an education record?

- Records that are directly related to a student, and
- Maintained by an educational agency or institution or a party acting for an educational agency or institution. 34 CFR 99.3

# What is Personally Identifiable Information?

- The student's name;
- The name of the student's parent or other family member;
- The address of the student or student's family;
- A personal identifier, such as the student's SAID ID;
- **A list of personal characteristics that would make the student's identity easily traceable; or**
- **Other information that would make the student's identity easily traceable.**

A stylized, high-contrast portrait of five people (three women and two men) with a blue vertical bar on the left. The image has a graphic, almost stencil-like quality with a limited color palette of blues, greys, and skin tones.

Chris Kotterman, Aiden Fleming, Ed Jung

## **ELEMENTS OF STUDENT PRIVACY**





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# ED-FI MAPPING UPDATE



# Project goals

- Provide a single source of data for all student information that can be utilized across program areas within ADE
- Eliminate duplicate data collections from the LEAs for all student information
- ADE will use an integration tool that gets consistent, standards-based data out of the disparate LEA systems by implementing Ed-Fi/CEDS
- Provide near real-time data collection instead of 40/100/EOY

# Project scope

1. Identify data collection points (completed)
2. Map data elements to the Ed-Fi standard (in progress)
3. Create SIS vendor specifications (in progress)
4. Document data processing and integrity business rules (in progress)
5. Develop Ed-Fi extractors
6. Populate a Student Operational Data Store

# Data collection points

- Identified approximately 210 collection points validated by program areas
- Prioritized collection points 27 related to student information
- The elements (394) of all the prioritized collection points have been mapped to Ed-Fi

# Map Data to the Ed-Fi Standard

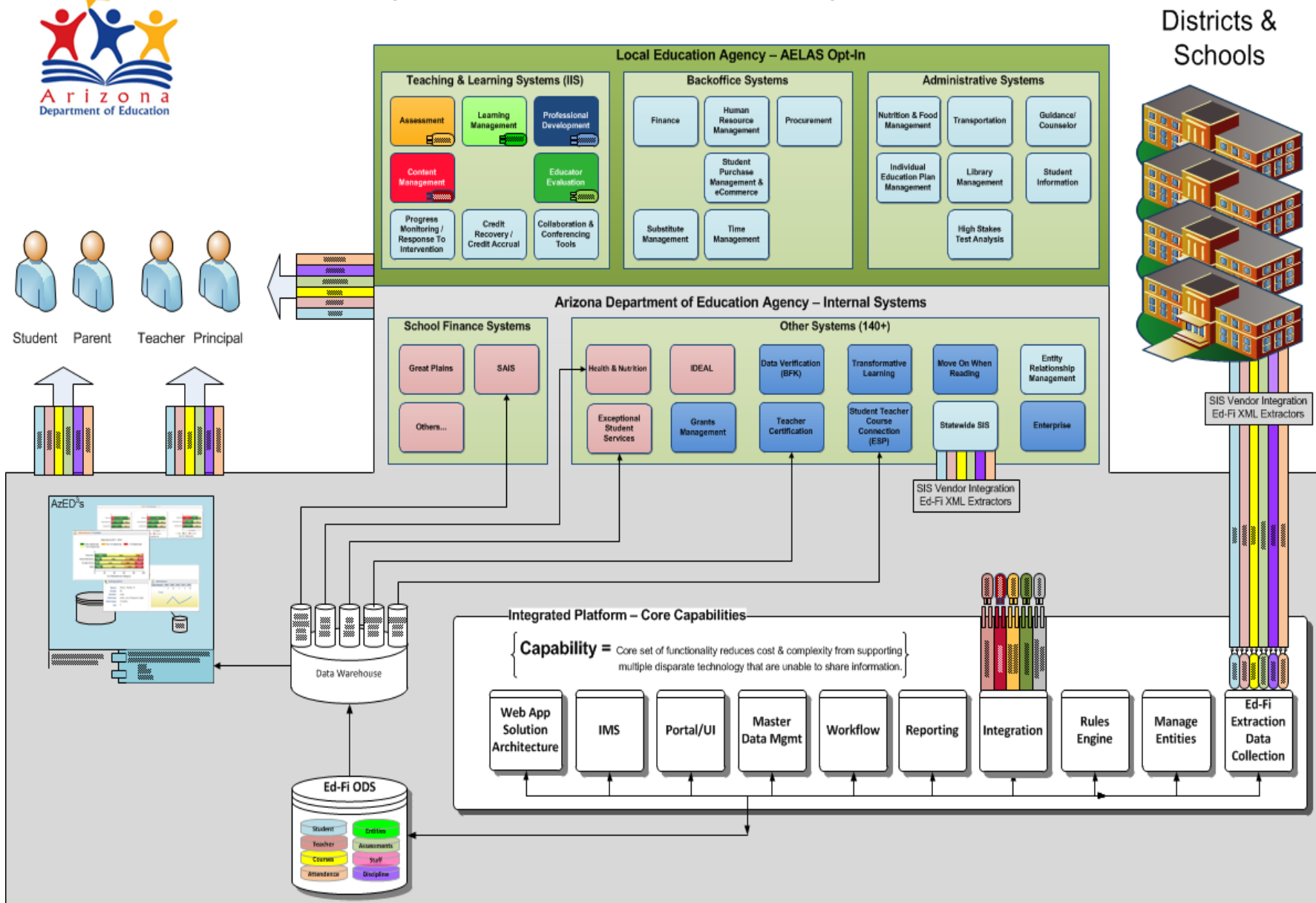
Data Collection	Element	Element Definition	Mapping Business Logic
Student Section Enrollment	Student Birthdate	The student's birthdate. Optionality: Required	For a Student (identified by StudentSchoolAssociation.StudentReference):  [Student.BirthData.BirthDate]
Student Section Enrollment	Student First Name	The first or given name for the student as reported in SAIS. Optionality: Required	For a Student (identified by StudentSchoolAssociation.StudentReference):  [Student.Name.FirstName]
Student Section Enrollment	Student Gender	The student's gender. Optionality: Required	For a Student (identified by StudentSchoolAssociation.StudentReference):  [Student.Sex]
Student Section Enrollment	Student Last Name	The last, family, or sur name for the student as reported in SAIS. Optionality: Required.	For a Student (identified by StudentSchoolAssociation.StudentReference):  [Student.Name.LastSurname]
Student Section Enrollment	Student Middle Initial	The middle initial of the student as reported in SAIS. Optionality: Optional	For a Student (identified by StudentSchoolAssociation.StudentReference):  [Student.Name.MiddleName]

# SIS vendor specifications

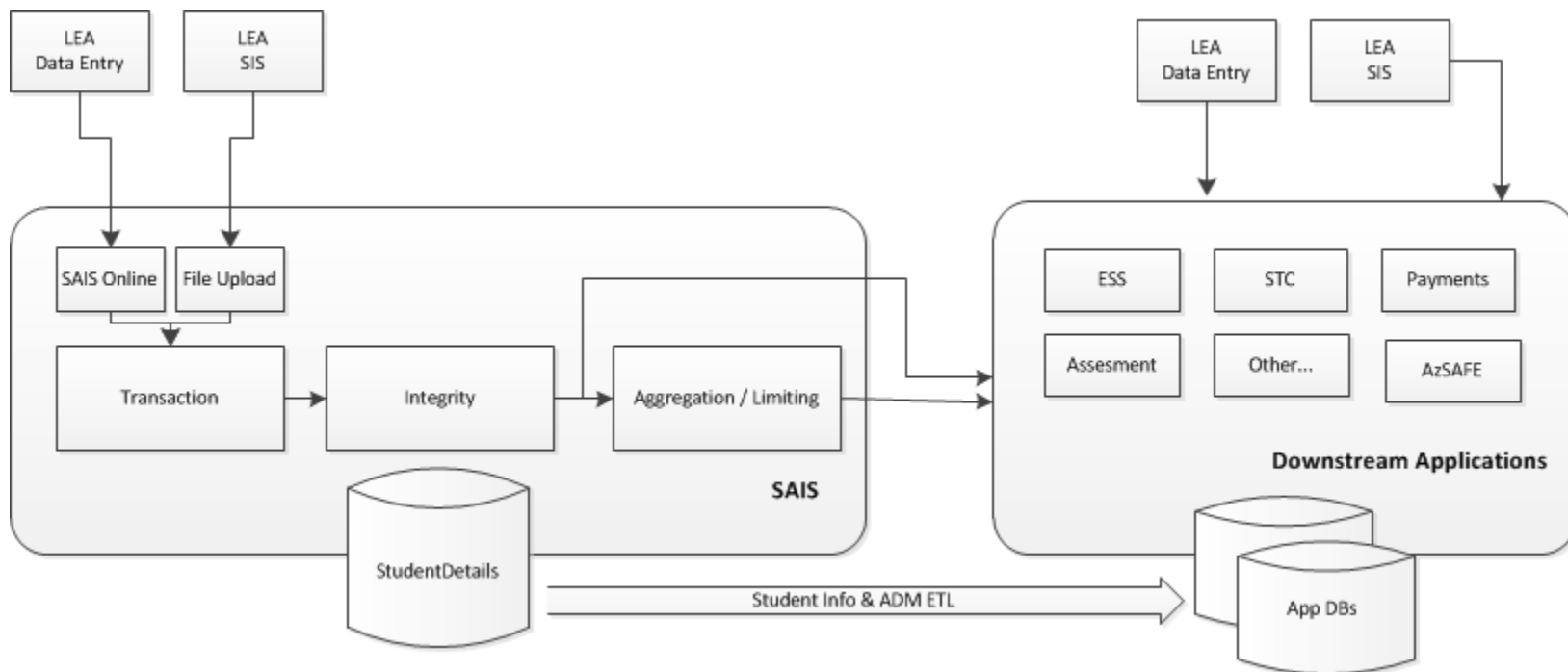
- SIS vendor specifications are being developed in partnership with the Michael and Susan Dell Foundation
- Vendor specification is a standard file specification encompassing all Ed-Fi mapped elements
- Engage SIS vendors so that data to ADE can be provided per the specifications



# Arizona Department of Education - Conceptual Architecture

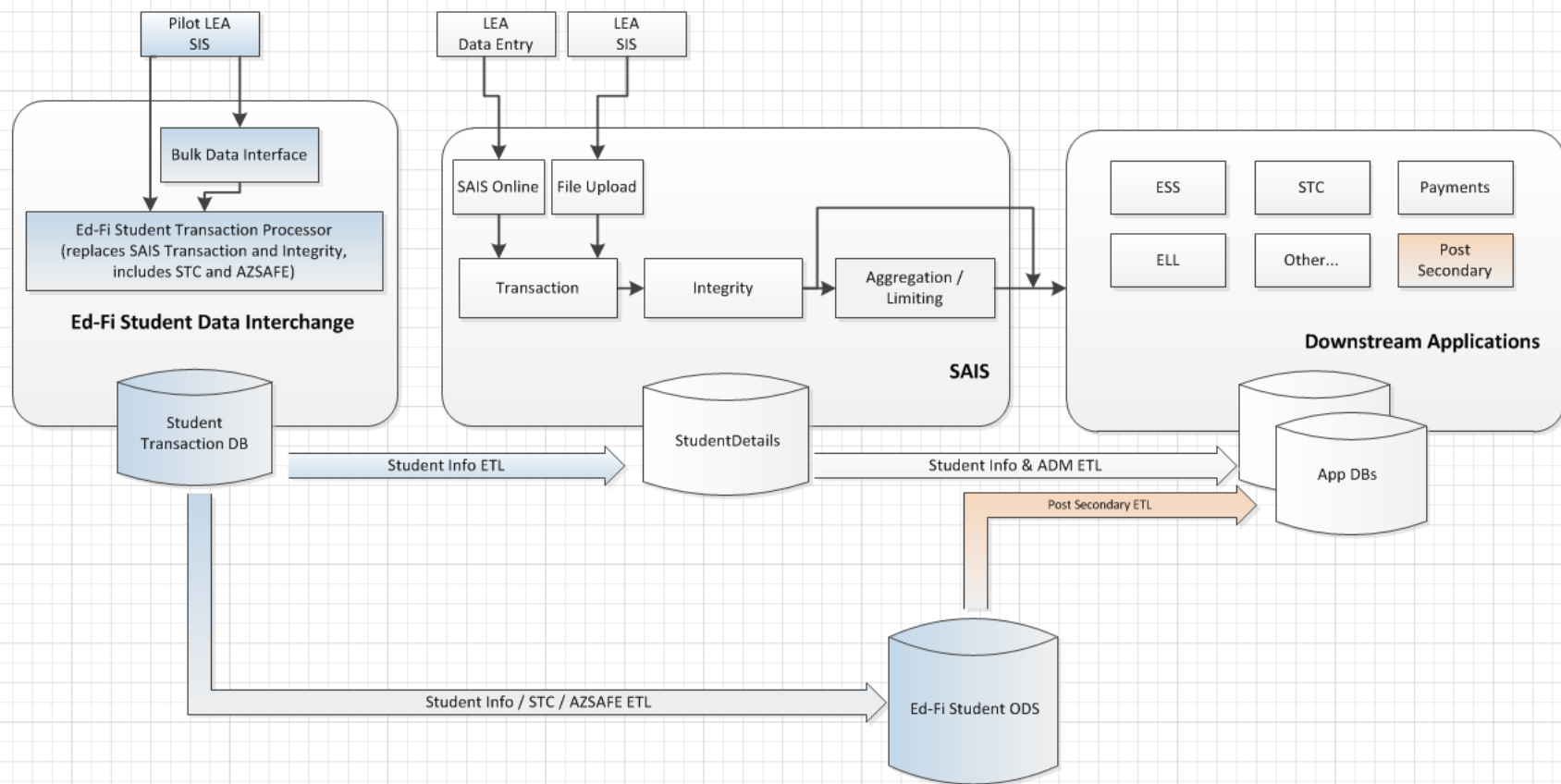


# Current





# SIS-Ed-Fi-SDS scope



# Stakeholder commitment

- Assist in identification of all student data collection points
- Share data workflows and business rules
- Assist in creating documentation for undocumented data processes and rules
- Review/approve data element list



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# **BUDGET UPDATE**

# AELAS budget summary

Program	Budget	July Actual	Aug Actual	Sept Actual	YTD Total	Balance
Program Support Office (PSO)	\$ 1,000,000	\$ 76,742	\$ 116,289	\$ 65,161	\$ 258,192	\$ 741,808
Arizona Education Learning and Accountability System (AELAS) - Student Information System (SIS)	\$ 450,000	\$ 12,076	\$ 11,861	\$ -	\$ 23,937	\$ 426,063
Arizona Education Learning and Accountability System (AELAS) - Education Data Fidelity (Ed-Fi)	\$ 2,000,000	\$ 8,720	\$ 41,356	\$ 47,293	\$ 97,369	\$ 1,902,631
Arizona Education Learning and Accountability System (AELAS) - School Finance	\$ 800,000	\$ 22,982	\$ 86,870	\$ 65,983	\$ 175,835	\$ 624,165
Student Longitudinal Data System (SLDS) – Arizona Education Data Driven Decision System (AzED3S)	\$ 2,750,000	\$ -	\$ -	\$ -	\$ -	\$ 2,750,000
TOTAL	\$ 7,000,000	\$ 120,520	\$ 256,376	\$ 178,437	\$ 555,333	\$ 6,444,667

# Questions



Contact

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